

Notice of Allowability	Application No.	Applicant(s)	
	10/580,588	SASHIDA ET AL.	
	Examiner	Art Unit	
	NIZAL S. CHANDRAKUMAR	1625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/04/2009.
2. ☒ The allowed claim(s) is/are 38 and 55.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date <u>See Continuation Sheet</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|--|--|

/D. Margaret Seaman/
 Primary Examiner, Art Unit 1625

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10580588
Filing Date	2006-05-25
First Named Inventor	Yutaka Sashida
Art Unit	1614
Examiner Name	Not Assigned
Attorney Docket Number	3824-061668

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
N.C.	1	RAGHWENDRA et al., "Chemical Constituents of Tithonia tagitiflora Desf.: Part III – Constitution of Tagitinin-A*", Indian Journal of Chemistry, April 1976, pp. 259-262, Vol. 14B	<input type="checkbox"/>
	2	RAGHWENDRA et al., "Chemical Constituents of Tithonia tagitiflora Desf.: Part IV – Tagitinins C, D & F", Indian Journal of Chemistry, March 1977, pp. 208-211, Vol. 15B	<input type="checkbox"/>
	3	PEREIRA et al., "Sesquiterpene Lactones from Brazilian Tithonia Diversifolia", Phytochemistry, 1997, pp. 1445-1448, Vol. 45, No. 7	<input type="checkbox"/>
	4	BARUAH et al., "Sesquiterpene Lactones of Tithonia deversifolia. Stereochemistry of the Tagitinins and Related Compounds", 1979, pp. 1831-1835, J. Org. Chem., Vol. 44, No. 11	<input type="checkbox"/>
	5	RAGHWENDRA et al., "Antileukemic and Other Constituents of Tithonia tagitiflora Desf.", June 1976, pp. 918-920, Vol. 65, No. 6	<input type="checkbox"/>
	6	KOBAYASHI et al., "Sesquiterpenoids from the Aerial Parts of Tithonia deversifolia", Tokyo University of Pharmacy and Life Science, Hiro International Co., Ltd. March 5, 2004	<input type="checkbox"/>
	7	GONZALEZ et al., "4,5-Dihydroblumenol A, A New Nor-Isoprenoid from Perrottetia Multiflora", March 1994, pp. 400-402, Vol. 57, No. 3	<input type="checkbox"/>
	8	SHUSTER et al., "Sesquiterpene Lactones from Two Tithonia species", Phytochemistry, 1992, pp. 3139-3141, Vol. 31, No. 9, 1992 Pergamon Press Ltd.	<input type="checkbox"/>
✓N.C.	9	ZDERO et al., "Germacranolides, Guaianolides and Eudesmanolides from Greenmaniella Resinosa", Phytochemistry, 1987, pp. 1999-2006, Vol. 26, No. 7, 1987 Pergamon Journals Ltd.	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10580588
	Filing Date		2006-05-25
	First Named Inventor	Yutaka Sashida	
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	Attorney Docket Number	3824-061668	

/N.C./	10	SHIBATA et al., "Studies on the Constituents of Japanese and Chinese Crude Drugs. III: Antispasmodic Action of Flavonoids and Anthraquinones", Faculty of Pharmaceutical Sciences, University of Tokyo and Pharmaceutical Faculty of Chiba University, September 9, 1959, pp. 620-625, Vol. 80,	<input type="checkbox"/>
/N.C./	11	AGATA et al., "Studies on the Constituents of Medicinal Plants in Hokkaido. I: On the Whole Herb of Swertia tetrapetala Pall", Faculty of Pharmaceutical Sciences, Higashi Nippon Gakuen University, Ishikari-Tobetsu, Hokkaido, 061-02, Japan, 1981, pp. 1067-1070, Vol. 101, No. 11	<input type="checkbox"/>
/N.C./	12	MACIAS et al., "Terpenoids with Potential Use as Natural Herbicide Templates", Biologically Active Natural Products: Agrochemicals, CRC Press LLC, 1999, pp. 15-31	<input type="checkbox"/>

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EXAMINER SIGNATURE

Examiner Signature	/Nizal Chandrakumar/	Date Considered	03/19/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Article

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with Potential Cancer Chemopreventive Activity**

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J. Nat. Prod., 2002, 65 (4), 532-536 • DOI: 10.1021/np010545m

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